

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 09/974,026

CRF Processing Date: 3/19/2002

Edited by: [Signature]

Verified by: [Signature]

(STIC staff)

**ENTERED**

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: \_\_\_\_\_
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: \_\_\_\_\_
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: \_\_\_\_\_
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: \_\_\_\_\_
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: \_\_\_\_\_
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: \_\_\_\_\_
- ☒ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☐ Corrected an obvious error in the response, specifically: \_\_\_\_\_
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: \_\_\_\_\_
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

\*Examiners: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95



OIPE

## RAW SEQUENCE LISTING

DATE: 03/19/2002

PATENT APPLICATION: US/09/974,026

TIME: 12:42:21

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\03192002\I974026.raw

P.6

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3 <110> APPLICANT: Tamburini, Paul P
4     Davis, Gary
5     Delaria, Katherine A
6     Christopher, Marlor W
7     Daniel, Muller K
9 <120> TITLE OF INVENTION: Human Bikunin
11 <130> FILE REFERENCE: 96-223-ZZ
13 <140> CURRENT APPLICATION NUMBER: US 09/974,026
14 <141> CURRENT FILING DATE: 2001-10-10
16 <150> PRIOR APPLICATION NUMBER: US 09/144,428
17 <151> PRIOR FILING DATE: 1998-08-31
19 <150> PRIOR APPLICATION NUMBER: PCT/US97/03894
20 <151> PRIOR FILING DATE: 1997-03-10
22 <150> PRIOR APPLICATION NUMBER: US 08/725,251
23 <151> PRIOR FILING DATE: 1996-10-04
25 <150> PRIOR APPLICATION NUMBER: US 60/019,793
26 <151> PRIOR FILING DATE: 1996-06-14
28 <150> PRIOR APPLICATION NUMBER: US 60/013,106
29 <151> PRIOR FILING DATE: 1996-03-11
31 <160> NUMBER OF SEQ ID NOS: 105
33 <170> SOFTWARE: PatentIn version 3.1
35 <210> SEQ ID NO: 1
36 <211> LENGTH: 179
37 <212> TYPE: PRT
38 <213> ORGANISM: Homo sapiens
40 <400> SEQUENCE: 1
42 Ala Asp Arg Glu Arg Ser Ile His Asp Phe Cys Leu Val Ser Lys Val
43 1          5          10          15
46 Val Gly Arg Cys Arg Ala Ser Met Pro Arg Trp Trp Tyr Asn Val Thr
47          20          25          30
50 Asp Gly Ser Cys Gln Leu Phe Val Tyr Gly Gly Cys Asp Gly Asn Ser
51          35          40          45
54 Asn Asn Tyr Leu Thr Lys Glu Glu Cys Leu Lys Lys Cys Ala Thr Val
55          50          55          60
58 Thr Glu Asn Ala Thr Gly Asp Leu Ala Thr Ser Arg Asn Ala Ala Asp
59 65          70          75          80
62 Ser Ser Val Pro Ser Ala Pro Arg Arg Gln Asp Ser Glu Asp His Ser
63          85          90          95
66 Ser Asp Met Phe Asn Tyr Glu Glu Tyr Cys Thr Ala Asn Ala Val Thr
67          100         105         110
70 Gly Pro Cys Arg Ala Ser Phe Pro Arg Trp Tyr Phe Asp Val Glu Arg
71          115         120         125
74 Asn Ser Cys Asn Asn Phe Ile Tyr Gly Gly Cys Arg Gly Asn Lys Asn

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/974,026

DATE: 03/19/2002

TIME: 12:42:21

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\03192002\I974026.raw

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75      130      135      140
78 Ser Tyr Arg Ser Glu Glu Ala Cys Met Leu Arg Cys Phe Arg Gln Gln
79 145      150      155      160
82 Glu Asn Pro Pro Leu Pro Leu Gly Ser Lys Val Val Val Leu Ala Gly
83      165      170      175
86 Ala Val Ser
90 <210> SEQ ID NO: 2
91 <211> LENGTH: 197
92 <212> TYPE: PRT
93 <213> ORGANISM: Homo sapiens
95 <220> FEATURE:
96 <221> NAME/KEY: SIGNAL
97 <222> LOCATION: (1)..(18)
98 <223> OTHER INFORMATION:
101 <400> SEQUENCE: 2
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104 1      5      10      15
107 Leu Ala Ala Asp Arg Glu Arg Ser Ile His Asp Phe Cys Leu Val Ser
108      20      25      30
111 Lys Val Val Gly Arg Cys Arg Ala Ser Met Pro Arg Trp Trp Tyr Asn
112      35      40      45
115 Val Thr Asp Gly Ser Cys Gln Leu Phe Val Tyr Gly Gly Cys Asp Gly
116      50      55      60
119 Asn Ser Asn Asn Tyr Leu Thr Lys Glu Glu Cys Leu Lys Lys Cys Ala
120 65      70      75      80
123 Thr Val Thr Glu Asn Ala Thr Gly Asp Leu Ala Thr Ser Arg Asn Ala
124      85      90      95
127 Ala Asp Ser Ser Val Pro Ser Ala Pro Arg Arg Gln Asp Ser Glu Asp
128      100      105      110
131 His Ser Ser Asp Met Phe Asn Tyr Glu Glu Tyr Cys Thr Ala Asn Ala
132      115      120      125
135 Val Thr Gly Pro Cys Arg Ala Ser Phe Pro Arg Trp Tyr Phe Asp Val
136      130      135      140
139 Glu Arg Asn Ser Cys Asn Asn Phe Ile Tyr Gly Gly Cys Arg Gly Asn
140 145      150      155      160
143 Lys Asn Ser Tyr Arg Ser Glu Glu Ala Cys Met Leu Arg Cys Phe Arg
144      165      170      175
147 Gln Gln Glu Asn Pro Pro Leu Pro Leu Gly Ser Lys Val Val Val Leu
148      180      185      190
151 Ala Gly Ala Val Ser
152      195
155 <210> SEQ ID NO: 3
156 <211> LENGTH: 153
157 <212> TYPE: PRT
158 <213> ORGANISM: Homo sapiens
160 <400> SEQUENCE: 3
162 Ile His Asp Phe Cys Leu Val Ser Lys Val Val Gly Arg Cys Arg Ala
163 1      5      10      15
166 Ser Met Pro Arg Trp Trp Tyr Asn Val Thr Asp Gly Ser Cys Gln Leu

```

## RAW SEQUENCE LISTING

DATE: 03/19/2002

PATENT APPLICATION: US/09/974,026

TIME: 12:42:21

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\03192002\I974026.raw

```

167          20          25          30
170 Phe Val Tyr Gly Gly Cys Asp Gly Asn Ser Asn Asn Tyr Leu Thr Lys
171          35          40          45
174 Glu Glu Cys Leu Lys Lys Cys Ala Thr Val Thr Glu Asn Ala Thr Gly
175          50          55          60
178 Asp Leu Ala Thr Ser Arg Asn Ala Ala Asp Ser Ser Val Pro Ser Ala
179 65          70          75          80
182 Pro Arg Arg Gln Asp Ser Glu Asp His Ser Ser Asp Met Phe Asn Tyr
183          85          90          95
186 Glu Glu Tyr Cys Thr Ala Asn Ala Val Thr Gly Pro Cys Arg Ala Ser
187          100         105         110
190 Phe Pro Arg Trp Tyr Phe Asp Val Glu Arg Asn Ser Cys Asn Asn Phe
191          115         120         125
194 Ile Tyr Gly Gly Cys Arg Gly Asn Lys Asn Ser Tyr Arg Ser Glu Glu
195          130         135         140
198 Ala Cys Met Leu Arg Cys Phe Arg Gln
199 145         150
202 <210> SEQ ID NO: 4
203 <211> LENGTH: 58
204 <212> TYPE: PRT
205 <213> ORGANISM: Homo sapiens
207 <400> SEQUENCE: 4
209 Ile His Asp Phe Cys Leu Val Ser Lys Val Val Gly Arg Cys Arg Ala
210 1          5          10          15
213 Ser Met Pro Arg Trp Trp Tyr Asn Val Thr Asp Gly Ser Cys Gln Leu
214          20          25          30
217 Phe Val Tyr Gly Gly Cys Asp Gly Asn Ser Asn Asn Tyr Leu Thr Lys
218          35          40          45
221 Glu Glu Cys Leu Lys Lys Cys Ala Thr Val
222          50          55
225 <210> SEQ ID NO: 5
226 <211> LENGTH: 51
227 <212> TYPE: PRT
228 <213> ORGANISM: Homo sapiens
230 <400> SEQUENCE: 5
232 Cys Leu Val Ser Lys Val Val Gly Arg Cys Arg Ala Ser Met Pro Arg
233 1          5          10          15
236 Trp Trp Tyr Asn Val Thr Asp Gly Ser Cys Gln Leu Phe Val Tyr Gly
237          20          25          30
240 Gly Cys Asp Gly Asn Ser Asn Asn Tyr Leu Thr Lys Glu Glu Cys Leu
241          35          40          45
244 Lys Lys Cys
245          50
248 <210> SEQ ID NO: 6
249 <211> LENGTH: 58
250 <212> TYPE: PRT
251 <213> ORGANISM: Homo sapiens
253 <400> SEQUENCE: 6
255 Tyr Glu Glu Tyr Cys Thr Ala Asn Ala Val Thr Gly Pro Cys Arg Ala

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## RAW SEQUENCE LISTING

DATE: 03/19/2002

PATENT APPLICATION: US/09/974,026

TIME: 12:42:21

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\03192002\I974026.raw

```

256 1          5          10          15
259 Ser Phe Pro Arg Trp Tyr Phe Asp Val Glu Arg Asn Ser Cys Asn Asn
260          20          25          30
263 Phe Ile Tyr Gly Gly Cys Arg Gly Asn Lys Asn Ser Tyr Arg Ser Glu
264          35          40          45
267 Glu Ala Cys Met Leu Arg Cys Phe Arg Gln
268          50          55
271 <210> SEQ ID NO: 7
272 <211> LENGTH: 51
273 <212> TYPE: PRT
274 <213> ORGANISM: Homo sapiens
276 <400> SEQUENCE: 7
278 Cys Thr Ala Asn Ala Val Thr Gly Pro Cys Arg Ala Ser Phe Pro Arg
279 1          5          10          15
282 Trp Tyr Phe Asp Val Glu Arg Asn Ser Cys Asn Asn Phe Ile Tyr Gly
283          20          25          30
286 Gly Cys Arg Gly Asn Lys Asn Ser Tyr Arg Ser Glu Glu Ala Cys Met
287          35          40          45
290 Leu Arg Cys
291          50
294 <210> SEQ ID NO: 8
295 <211> LENGTH: 92
296 <212> TYPE: PRT
297 <213> ORGANISM: Homo sapiens
299 <400> SEQUENCE: 8
301 Ala Asp Arg Glu Arg Ser Ile His Asp Phe Cys Leu Val Ser Lys Val
302 1          5          10          15
305 Val Gly Arg Cys Arg Ala Ser Met Pro Arg Trp Trp Tyr Asn Val Thr
306          20          25          30
309 Asp Gly Ser Cys Gln Leu Phe Val Tyr Gly Gly Cys Asp Gly Asn Ser
310          35          40          45
313 Asn Asn Tyr Leu Thr Lys Glu Glu Cys Leu Lys Lys Cys Ala Thr Val
314          50          55          60
317 Thr Glu Asn Ala Thr Gly Asp Leu Ala Thr Ser Arg Asn Ala Ala Asp
318 65          70          75          80
321 Ser Ser Val Pro Ser Ala Pro Arg Arg Gln Asp Ser
322          85          90
325 <210> SEQ ID NO: 9
326 <211> LENGTH: 708
327 <212> TYPE: DNA
328 <213> ORGANISM: Artificial Sequence
330 <220> FEATURE:
331 <223> OTHER INFORMATION: Consensus DNA sequence of human Bikunin (Fig. 3).
333 <220> FEATURE:
334 <221> NAME/KEY: misc_feature
335 <222> LOCATION: (679)..(679)
336 <223> OTHER INFORMATION: "n" is any nucleotide.
339 <220> FEATURE:
340 <221> NAME/KEY: misc_feature

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## RAW SEQUENCE LISTING

DATE: 03/19/2002

PATENT APPLICATION: US/09/974,026

TIME: 12:42:21

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\03192002\I974026.raw

341 &lt;222&gt; LOCATION: (707)..(707)

342 &lt;223&gt; OTHER INFORMATION: "n" is any nucleotide.

345 &lt;400&gt; SEQUENCE: 9

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346 ggccgggtcg tttctgcct ggctgggac gctgctcctc tctgggggtcc tggcgggccga      60
348 ccgagaacgc agcatccacg acttctgcct ggtgtcgaag gtgggtgggca gatgccgggc      120
350 ctccatgcct aggtggtggt acaatgtcac tgacggatcc tgccagctgt ttgtgtatgg      180
352 gggctgtgac ggaaacagca ataattacct gaccaaggag gagtgcctca agaaatgtgc      240
354 cactgtcaca gagaatgccg cgggtgacct ggccaccagc aggaatgcag cgattcctc      300
356 tgtcccaagt gctccagaa ggcaggattc tgaagaccac tccagcgata tgttcaacta      360
358 tgaagaatac tgcaccgcca acgcagtcac tgggccttgc cgtgcaccc tcccacgctg      420
360 gtactttgac gtggagagga actcctgcaa taacttcata tatggaggct gccggggcaa      480
362 taagaacagc taccgctctg aggaggcctg catgctccgc tgcttccgcc agcaggagaa      540
364 tcctcccttg ccccttggtc caaaggtggt ggttctggcc ggggctgttt cgtgatggtg      600
366 ttgatccttt tctggtggag catccatggt cttactgatt ccgggtggca aggaggaacc      660
w-368 aggagcgtgc cctgcgganc gtctggagct tccgagatga caagggn      708

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371 &lt;210&gt; SEQ ID NO: 10

372 &lt;211&gt; LENGTH: 197

373 &lt;212&gt; TYPE: PRT

374 &lt;213&gt; ORGANISM: Artificial Sequence

376 &lt;220&gt; FEATURE:

377 <223> OTHER INFORMATION: Amino acids -18 to 179 of translation of consensus sequence in Fig. 3.

379 &lt;400&gt; SEQUENCE: 10

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381 Ala Gly Ser Phe Leu Ala Trp Leu Gly Ser Leu Leu Leu Ser Gly Val
382 1          5          10          15
385 Leu Ala Ala Asp Arg Glu Arg Ser Ile His Asp Phe Cys Leu Val Ser
386          20          25          30
389 Lys Val Val Gly Arg Cys Arg Ala Ser Met Pro Arg Trp Trp Tyr Asn
390          35          40          45
393 Val Thr Asp Gly Ser Cys Gln Leu Phe Val Tyr Gly Gly Cys Asp Gly
394          50          55          60
397 Asn Ser Asn Asn Tyr Leu Thr Lys Glu Glu Cys Leu Lys Lys Cys Ala
398 65          70          75          80
401 Thr Val Thr Glu Asn Ala Thr Gly Asp Leu Ala Thr Ser Arg Asn Ala
402          85          90          95
405 Ala Asp Ser Ser Val Pro Ser Ala Pro Arg Arg Gln Asp Ser Glu Asp
406          100         105         110
409 His Ser Ser Asp Met Phe Asn Tyr Glu Glu Tyr Cys Thr Ala Asn Ala
410          115         120         125
413 Val Thr Gly Pro Cys Arg Ala Ser Phe Pro Arg Trp Tyr Phe Asp Val
414          130         135         140
417 Glu Arg Asn Ser Cys Asn Asn Phe Ile Tyr Gly Gly Cys Arg Gly Asn
418 145         150         155         160
421 Lys Asn Ser Tyr Arg Ser Glu Glu Ala Cys Met Leu Arg Cys Phe Arg
422          165         170         175
425 Gln Gln Glu Asn Pro Pro Leu Pro Leu Gly Ser Lys Val Val Val Leu
426          180         185         190
429 Ala Gly Ala Val Ser
430          195
433 <210> SEQ ID NO: 11

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/974,026DATE: 03/19/2002  
TIME: 12:42:22Input Set : A:\PTO.AMC.txt  
Output Set: N:\CRF3\03192002\I974026.raw**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:9; N Pos. 679,707  
Seq#:11; Xaa Pos. 8,17,19,21,22,23,24,25,26,40,42,45,46,47,52,64,103,112  
Seq#:11; Xaa Pos. 114,116,117,118,119,120,121,135,137,140,141,142,147,159  
Seq#:12; N Pos. 361,367,384,390  
Seq#:14; N Pos. 424,481,509  
Seq#:16; N Pos. 3,11,12,17,48,425  
Seq#:17; N Pos. 7,403,409  
Seq#:48; N Pos. 1358  
Seq#:51; N Pos. 46,117,313  
Seq#:72; Xaa Pos. 9,11,17,19  
Seq#:74; Xaa Pos. 25  
Seq#:75; N Pos. 425,482,510  
Seq#:76; Xaa Pos. 25  
Seq#:77; N Pos. 45,49,118,231,305  
Seq#:78; N Pos. 117,123,321  
Seq#:79; N Pos. 9,11,222,231,262,267,274  
Seq#:80; N Pos. 44,46,76,114,187,268,309,317,332,370  
Seq#:81; N Pos. 35,148,235,261,272,293,300,313,320  
Seq#:82; N Pos. 56,137,145,159,233  
Seq#:83; N Pos. 20,26,95,292,313,314,315  
Seq#:84; N Pos. 27,139,223,232,302,310,322,328,357,375,392,398,405,427,437  
Seq#:84; N Pos. 449,458,474  
Seq#:85; N Pos. 361,367,384,390  
Seq#:86; N Pos. 3,11,12,17,48,425  
Seq#:87; N Pos. 7,403,409  
Seq#:88; N Pos. 48,62,211,232,245,309,318  
Seq#:89; N Pos. 424,481,509  
Seq#:90; N Pos. 257  
Seq#:91; N Pos. 19,147  
Seq#:92; N Pos. 33,55,213,228,259,267,324,333,344,387  
Seq#:93; N Pos. 306,328,342,365,370,377,382,402  
Seq#:94; N Pos. 1,142,339,347  
Seq#:95; N Pos. 334,368,376  
Seq#:96; N Pos. 108,261  
Seq#:97; N Pos. 20,30  
Seq#:98; N Pos. 45,102,105,159,174,213,337  
Seq#:100; N Pos. 304,309  
Seq#:101; N Pos. 24  
Seq#:102; N Pos. 61,74,122,184  
Seq#:103; N Pos. 7  
Seq#:104; N Pos. 32,67,136  
Seq#:105; N Pos. 13,19,107



OIPE

## RAW SEQUENCE LISTING

DATE: 03/11/2002

PATENT APPLICATION: US/09/974,026

TIME: 15:03:12

Input Set : A:\09-974,026 sequence listing.txt

Output Set: N:\CRF3\03112002\I974026.raw

*mal eof*  
Does Not Comply  
Corrected Diskette Needed

3 <110> APPLICANT: Tamburini, Paul P  
4       Davis, Gary  
5       Delaria, Katherine A  
6       Christopher, Marlor W  
7       Daniel, Muller K  
9 <120> TITLE OF INVENTION: Human Bikunin  
11 <130> FILE REFERENCE: 96-223-ZZ  
13 <140> CURRENT APPLICATION NUMBER: US 09/974,026  
14 <141> CURRENT FILING DATE: 2001-10-10  
16 <150> PRIOR APPLICATION NUMBER: US 09/144,428  
17 <151> PRIOR FILING DATE: 1998-08-31  
19 <150> PRIOR APPLICATION NUMBER: PCT/US97/03894  
20 <151> PRIOR FILING DATE: 1997-03-10  
22 <150> PRIOR APPLICATION NUMBER: US 08/725,251  
23 <151> PRIOR FILING DATE: 1996-10-04  
25 <150> PRIOR APPLICATION NUMBER: US 60/019,793  
26 <151> PRIOR FILING DATE: 1996-06-14  
28 <150> PRIOR APPLICATION NUMBER: US 60/013,106  
29 <151> PRIOR FILING DATE: 1996-03-11  
31 <160> NUMBER OF SEQ ID NOS: 105  
33 <170> SOFTWARE: PatentIn version 3.1

## ERRORED SEQUENCES

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3914 <211> LENGTH: 343  
3915 <212> TYPE: DNA  
3916 <213> ORGANISM: Homo sapiens  
3918 <220> FEATURE:  
3919 <221> NAME/KEY: misc\_feature  
3920 <222> LOCATION: (13)..(13)  
3921 <223> OTHER INFORMATION: "n" is any nucleotide.  
3924 <220> FEATURE:  
3925 <221> NAME/KEY: misc\_feature  
3926 <222> LOCATION: (19)..(19)  
3927 <223> OTHER INFORMATION: "n" is any nucleotide.  
3930 <220> FEATURE:  
3931 <221> NAME/KEY: misc\_feature  
3932 <222> LOCATION: (107)..(107)  
3933 <223> OTHER INFORMATION: "n" is any nucleotide.  
3936 <400> SEQUENCE: 105  
W--> 3937 ccctgggtcc tgncaaggna tgggggtttgc tttggaaatc ctcttaggag gctcctctc 60



## RAW SEQUENCE LISTING

DATE: 03/11/2002

PATENT APPLICATION: US/09/974,026

TIME: 15:03:12

Input Set : A:\09-974,026 sequence listing.txt

Output Set: N:\CRF3\03112002\I974026.raw

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W--> 3939 gcatggcctg cagtctggca gcagccccga gttgtttcct cgctgan1cga tttctttcct 120
      3941 ccaggtagag ttttctttgc ttatgttgaa ttccattgcc tctttttotca tcacagaagt 180
      3943 gatgttgga1 tcgtttcttt tgtttgtctg atttatggtt tttttaagta taaacaaaag 240
      3945 ttttttatta gcattctgaa agaaggaaag taaaatgtac aagtttaata aaaaggggcc 300
      3947 ttccccttta gaataaaaaa aaaaaaaaaa aaaaaaaaaa aaa 343
E--> 3950 1
E--> 3952 1
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## VERIFICATION SUMMARY

DATE: 03/11/2002

PATENT APPLICATION: US/09/974,026

TIME: 15:03:13

Input Set : A:\09-974,026 sequence listing.txt

Output Set : N:\CRF3\03112002\I974026.raw

L:368 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9  
L:605 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:609 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:613 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:617 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:629 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:633 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:637 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:641 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:695 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12  
L:777 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14  
L:779 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14  
L:833 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16  
L:847 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16  
L:874 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17  
L:886 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17  
L:1731 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48  
L:1891 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51  
L:1893 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51  
L:1901 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51  
L:2409 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72  
L:2413 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72  
L:2469 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74  
L:2514 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75  
L:2516 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75  
L:2539 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76  
L:2579 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77  
L:2581 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77  
L:2585 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77  
L:2589 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77  
L:2618 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78  
L:2620 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78  
L:2626 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78  
L:2671 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79  
L:2677 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79  
L:2679 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79  
L:2748 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80  
L:2750 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80  
L:2754 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80  
L:2756 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80  
L:2758 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80  
L:2760 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80  
L:2825 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81  
L:2829 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81  
L:2831 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81  
L:2833 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81  
L:2835 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81  
L:2874 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/974,026

DATE: 03/11/2002

TIME: 15:03:13

Input Set : A:\09-974,026 sequence listing.txt

Output Set: N:\CRF3\03112002\I974026.raw

L:2878 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82  
L:2880 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82  
L:3950 M:254 E: No. of Bases conflict, LENGTH:Input:1 Counted:343 SEQ:105  
M:254 Repeated in SeqNo=105